

# Converting Colors

Android(4278221094)

Have a look what the booklet for  
Android(4278221094) contains.

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# Color

**Android(4278221094)**

# Conversions

## Conversions Part 1

Format	Color
Hex	007926
RGB	0, 121, 38
RGB Percent	0%, 47%, 15%
CMY	1.0000, 0.5255, 0.8510
CMYK	1.00, 0.00, 0.69, 0.53
HSL	139°, 100%, 24%
HSV	139°, 100%, 47%
XYZ	7.1872, 13.8147, 4.1214
YIQ	75.3590, -45.4730, -51.4650

# Conversions

## Conversions Part 2

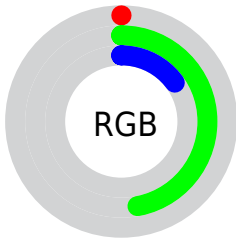
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 92, 121
Decimal	31014
CIELab	43.97, -47.04, 36.24
CIElCh	44, 59.379, 142.390
Yxy	13.8147, 0.2861, 0.5499
Android (android.graphics.Color)	4278221094 (0xFF007926)
YUV	75.3590, -18.4180, -66.0898
Hunter-Lab	37.1681, -30.5275, 19.4433

# Details

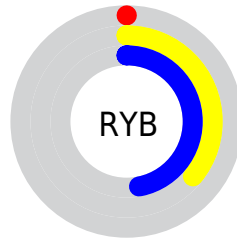
The Android color `4278221094` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4286120019`, and the grayscale version is `4283190348`.

A 20% lighter version of the original color is `4283281239`, and `4278208256` is the 20% darker color. If you saturate the color by 10%, you get `4278221094`, and if you desaturate by 10%, it is `4279007534`.

# Distribution



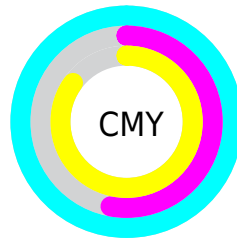
- Red (0%)
- Green (47%)
- Blue (15%)



- Red (0%)
- Yellow (36%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278221094 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4278221094 by changing the saturation by 10% instead.



 4278221094

 4278221094

4294967295

 4278214412

 4283281239

 4278208256

 4285188720

 4278202368

 4287031179

 4278195712

 4288872357

 4278190080

 4290772929

 4292673501

 4294639610

 4278221094

 4279007534

 4279793975

 4280580415

 4281366855

 4282153295

 4283005272

 4283791712

 4284578152

 4285364593

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4284116992



4278221094



4278222169

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278221094



4278219466



4290590022

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4278221094



4286120019

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4290261623



4278221094



4282998980

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4278221094



4278221750



4288039077



4289416215

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4278221094



4278222460



4288039077



4290719830



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4278221094



4285505150



4283791616



4281552700



4291809231



4283387727



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4278221094



4278230578



4278221153



4281810233



4278222119



4278254671



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4286120019



4288544876



4286119960



4282201915



4286382166



4294705325



# Previews

## White Background



This preview shows how the Android color 4278221094 looks on a white background.

## Color Contrast Check

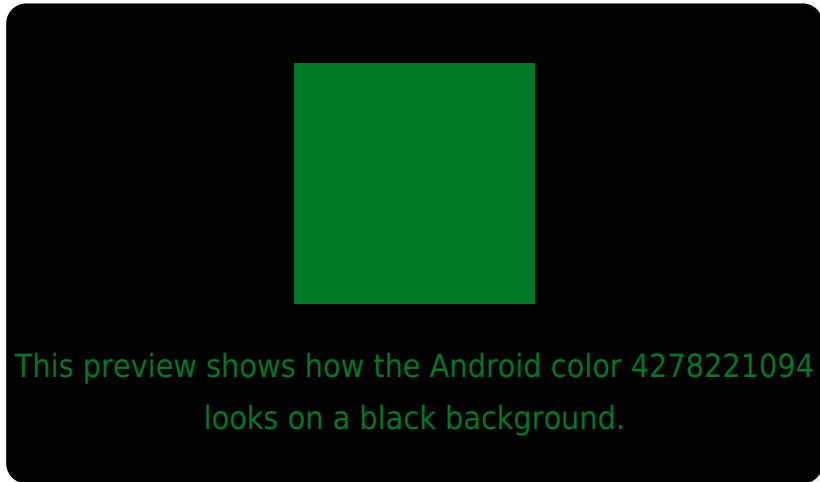
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278221094 Background



This preview shows how black text looks on a background with the Android color 4278221094.



This preview shows how white text looks on a background with the Android color 4278221094.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
4278221094

**Protanopia**  
4285818913

**Deuteranopia**  
4286604078



# Trichromacy



**Original Color**

4278221094



**Protanomaly**

4283067939



**Deuteranomaly**

4283525931



**Tritanomaly**

4280251483

# Monochromacy



**Original Color**

4278221094



**Achromatopsia**

4283124555



**Achromatomaly**

4281359422

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278221094 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 121, 38)` looks like.

```
.text, #text, p{  
    color:rgb(0, 121, 38)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 121, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 121, 38) }
```

## Border

The CSS property to change the border of an element to Android 4278221094 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 121, 38) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 121, 38) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 121, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 121, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 121, 38);  
box-shadow:4px 4px 4px 4px rgb(0, 121, 38)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278221094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 121, 38) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 121,  
38) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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